

IN THE CLAIMS:

Please cancel claims 1-4, 6-7 and 9 without prejudice to or disclaimer of the subject matter recited therein.

Please amend claim 5 as follows:

LISTING OF CURRENT CLAIMS

Claims 1-4. (Canceled)

Claim 5. (Currently Amended) A hinge structure, comprising:

a pivot shaft including a shaft section, said shaft section being provided at one side with a flat surface to serve as a swing-stop section and at an end with a tightening section;

5 a first bracket including a mounting arm for fixedly mounting to a mainframe of a clam-type apparatus, and a locating arm perpendicular to said mounting arm; said locating arm being provided near a free end with a swing-stop hole for engaging with said swing-stop section of said shaft section of said pivot shaft, so that said first bracket is prevented from turning relative to said pivot shaft;

10 a second bracket including a mounting arm for mounting to a screen of said clam-type apparatus, and a second arm perpendicular to said mounting arm; said second arm being provided at a predetermined position with a shaft hole for said shaft section of said pivot shaft to rotatably mount therein;

a fastening member; and

15 at least one external tooth washer located between said second bracket and said fastening member, ~~and provided along an outer circumference with each of the~~
at least one external tooth washer having a plurality of radially outward outwardly
projected external teeth located on an outer circumference thereof;

20 said first and said second bracket and said at least one external tooth washer being sequentially mounted on said pivot shaft and said fastening member being screwed to said tightening section of said pivot shaft to form said hinge structure;

whereby when said mounting arm of said first bracket and said mounting arm of said second bracket are connected to said mainframe and said screen,

25 respectively, of said claim-type electronic apparatus, said external teeth of said at
least one external tooth washer are ~~firmly and elastically located~~ pressed between
said second bracket and said fastening member mounted on said pivot shaft, and
thereby ~~prevent~~ preventing said fastening member from turning along with said
screen when said screen is pivotally turned, or separating from said pivot shaft after
said screen has been pivotally turned many ~~times~~: times, further comprising a
30 locating ring and a sleeve provided between said fastening member and said at least
one external tooth washer, and a torsional spring provided between said sleeve and
said fastening member; and wherein said first bracket is provided near a center
thereof with a swing-stop hole for engaging with said swing-stop section of said shaft
section of said pivot shaft; through holes being provided on said first bracket below
35 said swing-stop hole; and wherein said mounting arm of said second bracket is
provided at a predetermined position with a retaining tongue; said torsional spring
including two legs and being mounted on said pivot shaft with one of said two legs
extended through said through holes on said first bracket, and the other one of said
two legs held to said second bracket by said retaining tongue on said mounting arm
40 of said second bracket, such that said torsional spring provides an increased elastic
force for said hinge structure when said screen is pivotally turned upward.

Claims 6-7. (Canceled)

Claim 8. (Original) The hinge structure as claimed in claim 5, wherein said
tightening section on said pivot shaft is provided on an outer surface with screw
threads, and said fastening member comprises a nut corresponding to said screw
threads for said fastening member to screw to said tightening section.